

Title (en)
LIGHTWEIGHT PUSHHER/TAG AXLE

Title (de)
LEICHTE VORLAUF-/NACHLAUFACHSE

Title (fr)
ESSIEU TRAÎNÉ/POUSSEUR LÉGER

Publication
EP 3168060 A2 20170517 (EN)

Application
EP 16198364 A 20161111

Priority
• US 201514938157 A 20151111
• US 201562263926 P 20151207

Abstract (en)
A non-driven axle (200) for a vehicle or a trailer is provided. The axle includes a first arm portion (202), a second arm portion (204), and a central portion (230). The first arm portion is for rotatably mounting a first wheel hub. The second arm portion is for rotatably mounting a second wheel hub. The second arm portion is on an axial end of the central portion opposite the first arm portion. The central portion is between the first arm portion and the second arm portion and may be substantially arch-shaped or substantially ring-shaped. The central portion includes a main portion (232) and an inner portion (234). The non-driven axle reduces a weight of a vehicle or trailer while capable of being lifted without interfering with an operation of a drive axle.

IPC 8 full level
B60B 35/04 (2006.01); **B60B 35/06** (2006.01); **B60B 35/08** (2006.01)

CPC (source: EP)
B60B 35/004 (2013.01); **B60B 35/04** (2013.01); **B60B 35/08** (2013.01); **B60B 35/007** (2013.01); **B60B 35/025** (2013.01); **Y02T 10/86** (2013.01)

Cited by
CN113696674A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3168060 A2 20170517; **EP 3168060 A3 20170621**

DOCDB simple family (application)
EP 16198364 A 20161111